



ORIGINAL

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029

REMEDIAL SITE ASSESSMENT DECISION - EPA REGION III

Site Name:	Cadman A.W. Manufacturing		
CERCLIS ID#:	PAN000306808		
DSN:	PA-3623		
Alias Site Names:	N/A		
City:	Philadelphia		
County:	Philadelphia		
State:	PA		
Refer to Report Dated:	April 4, 2013		
Report Type:	Abbreviated Reassessment		
Report developed by:	Irene Shandruk		
Site Decision Made by:	Irene Shandruk	Date:	April 4, 2013

DECISION: W

- Further Remedial Site Assessment under CERCLA (Superfund) is not required because:**
 - N - NFRAP No Further Remedial Action Planned
 - A - Addressed as part of an existing NPL site (site will be entered if this is selected)
 - D - Deferred to RCRA
 - B - Addressed as part of another non-NPL site
 - W - Referred to Removal, no further Remedial Assessment
 - DN - Deferred to NRC
 - SA - Recommended as a SF Alternative Site
 - OCA - Other Cleanup Activity: Fed Fac (FF) Private Party Lead (PP) State Lead (OS)
- Further Assessment Needed Under CERCLA:**
 - H - Higher Priority for further assessment
 - L - Lower priority for further assessment
 - G - Recommended for HRS Scoring
 - F - Referred to Removal, Needs further Remedial Assessment

DISCUSSION/RATIONALE:

As part of a larger national effort, EPA Region 3 implemented a former lead smelter site discovery initiative in 2001. Using a report titled, "Discovering Unrecognized Lead-Smelting Sites by Historical Methods," a master list of 71 battery lead, Babbitt metal, and solder smelter sites to be assessed and addressed as appropriate through the superfund process. After the release of the 2001 study commonly referred to as the "Eckel List" for its author William Eckel,

EPA Region 3 conducted screening and assessment of the former smelter sites with the purpose of identifying priority sites for further investigation as part of a national site identification project.

Cadman A.W. Manufacturing Company, identified on the Eckel list as number 306, was located at 18 West Cheltenham Avenue in Philadelphia, Pennsylvania 19144. A Screening Site Investigation (SSI) was completed for the Cadman site on February 7, 2007 and was considered the Preliminary Assessment for the site. No immediate threats or concerns were identified at that time, however, it was determined that additional assessment or sampling may be needed prior to making any final decisions. A reassessment was completed on April 4, 2013. The reassessment indicated that residential properties and schools were located in the vicinity of the former lead smelter in addition to a public recreational park. Given this information, EPA is referring this site to Removal for further assessment.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
 REGION III
 1650 Arch Street
 Philadelphia, Pennsylvania 19103-2029
Reassessment (Abbreviated)

Site Name: Cadman, A.W. Manufacturing Co.

Discovery Date: April 1, 2001

Address: 18 West Cheltenham Avenue, Philadelphia, Pennsylvania 19144

CERCLIS/EPA ID #: PAN000306808

Dump Site #: PA-3623

References: Screening Site Investigation Report for the Cadman, A.W. Manufacturing Company, dated February 7, 2007 and prepared by Tetra Tech EM Inc.

Waste Characteristics:

Sources remaining?: ☐ Yes ☒ No

If yes, probable waste characteristics factor value: ☐ Low ☐ Medium ☐ High

Lead Smelter Reassessment Criteria	Potential Threat		
	Low	Medium	High
Exposed Soil	X		
Day Care Centers	X		
Residential Properties		X	
Schools		X	
Parks		X	

Likelihood of Release/Exposure and Targets:

Pathway	Likelihood of Release/Exposure				Targets/Receptors (probable targets factor value)		
	Potential to Release			Observed Release			
	Low	Medium	High		Low	Medium	High
Groundwater Migration	X				X		
Surface Water Migration	X				X		
Soil Exposure		X				X	
Air Migration	X				X		

Overall:

HRS Score is expected to be: ☒ Below 28.5 ☐ Above 28.5 ☐ Unsure



Recommendation for further action:

☐ None ☐ Full PA ☐ SI ☐ State Program:
☐ Integrated Assessment w/ Removal ☒ Removal ☐ Other:

Prepared by: Irene Shandruk 4/4/13
(Site Assessment Manager, Irene Shandruk) (Date)

ORIGINAL

Site Assessment
CERCLIS Data Entry/Decision Form
EPA Region III

Site Name: Cadman A.W. Manufacturing Co. Site Alias: None
 Site ID#: 0306808 DSN/ State ID: PA-3623 SSID/ Spill ID: _____ EPA ID#: PAN000306808

Site-Level Data

Modify CERCLIS Site Information: (Enter the Site or Action-Level updates required)

Add reassessment start date + completion date. Remove SI start date.

☐ Add ☐ Edit Latitude/Longitude Values: Lat: + _____ Long: - _____

Non-NPL Status: (Verify with list of valid NPL/Non-NPL values) RR Status Change Date: 4/4/13

Merge Site/Aggregate Site: _____ Parent Site ID: _____
 (When merging or aggregating a site, identify Parent/Child relationship)

☒ **Final Assessment Decision (FAD)** (Can this site be Archived?) FAD Date: 4/4/13

☐ **Archive** (Check that there are No Prohibited Open Actions before Archiving) Archive Date: _____

☐ **Unarchive** (Document to Site File) Unarchive Date: _____

☐ **ERS Exclusion** (An ERS Exclusion Determination Form must be completed) ERS Exclusion Date: _____

☐ **NFFA (No Further Federal Action)** NFFA Date: _____

☐ **Special Initiatives:**

☐ Environmental Justice (EJ)

☐ Military Munitions Response Program (MMRP) (MM)

☐ RCRA Deferral: (Check One) _____ Lead Confirmed (RB) _____ New Decision (RC) _____ Further Superfund Assessment (RE)

☒ Smelter Site: (Check One) _____ Smelter Activities _____ Unrecognized Smelter per 2001 Report

Action-Level Data

Remedial Site Assessments (RSAD/GPRA Target)

Action Name	Lead	Start Date	Compl. Date	Qualifier
<small>*Completion dates entered on the Actions designated below will count towards the RSAD GPRA target.</small>				
<small>*If referred from Removal Program to SA, Discovery date is the date the Referral Decision is made.</small>				
Pre-CERCLIS Screening (HX)	F EP FF S TR	/ /	/ /	
Preliminary Assessment (PA)	F EP S SN TR	/ /	/ /	ACA D F G H L N W DN B SA
Site Inspection (SI)	F EP S TR	/ /	/ /	ACA D F G H L N W DN B SA
Expanded Site Inspection (ESI)	F EP S TR	/ /	/ /	ACA D F G L N W DN B SA
ESI/RI (SS)	F EP MR PS RP S SN TR	/ /	/ /	ACA D F G L N W DN B SA
HRS Package (HR)	F EP FF S TR	/ /	/ /	ACD F N O W DN SA (2)
Site Reassessment (OO)	F (EP) S TR	<u>4/1/13</u>	<u>4/4/13</u>	ACA D F G H L N W DN B SA
Fed Fac PA Review (RX)	F EP S TR	/ /	/ /	ACA D H L N DN B SA
Fed Fac SI Review (TY)	F EP S TR	/ /	/ /	ACA D H L N DN B SA
Fed Fac ESI Review (TZ)	F EP S TR	/ /	/ /	ACA D G L N DN B SA
Discovery (DS)	F EP FF S TR	/ /	/ /	
State Deferral (AQ)	SD	/ /	/ /	RS RT
Referred from RCRA (XR)	F EP	/ /	/ /	FN
Other Cleanup Activity (VA) (Enter Subaction below)	FF SR PS RP SE S SN TR	/ /	/ /	A D F H L N W DN B
(For OCA Start, please check FAD box and add FAD date)				
<input type="checkbox"/> Comprehensive Site Investigation	<input type="checkbox"/> Remedial Selection	<input type="checkbox"/> Construction	<input type="checkbox"/> Trip Report	/ / / / H L
<input type="checkbox"/> Post-Construction Maintenance	<input type="checkbox"/> Design	<input type="checkbox"/> Short Term Cleanup	<input type="checkbox"/> Work Plan Submitted	
Laboratory Support (LA) (add only when using START Contract)	F EP FF MR SR PS RP SD S SN TR	/ /	/ /	
<small>Start Date - date site is initiated Completion Date - date site is Archived</small>				

Site Assessment Manager (SAM) Signature: <u>Shrene Shandruk</u>	Date: <u>4/4/13</u>	SA Data Entry/Report QA/QC Signature: <u>[Signature]</u>	Date: <u>4/29/13</u>
Site Assessment Branch Chief Signature: <u>[Signature]</u>	Date: <u>4/23/13</u>	GPRA/CERCLIS Data Quality Coordinator (DQC) Signature: <u>[Signature]</u>	Date: <u>5/2/13</u>



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
1650 Arch Street
Philadelphia, Pennsylvania 19103-2029
Reassessment (Abbreviated)

Site Name: Cadman, A.W. Manufacturing Co.

Discovery Date: April 1, 2001

Address: 18 West Cheltenham Avenue, Philadelphia, Pennsylvania 19144

CERCLIS/EPA ID #: PAN000306808

Dump Site #: PA-3623

References: Screening Site Investigation Report for the Cadman, A.W. Manufacturing Company, dated February 7, 2007 and prepared by Tetra Tech EM Inc.

Waste Characteristics:Sources remaining?: ☐ Yes ☒ NoIf yes, probable waste characteristics factor value: ☐ Low ☐ Medium ☐ High

Lead Smelter Reassessment Criteria	Potential Threat		
	Low	Medium	High
Exposed Soil	X		
Day Care Centers	X		
Residential Properties		X	
Schools		X	
Parks		X	

Likelihood of Release/Exposure and Targets:

Pathway	Likelihood of Release/Exposure				Targets/Receptors (probable targets factor value)		
	Potential to Release			Observed Release			
	Low	Medium	High		Low	Medium	High
Groundwater Migration	X				X		
Surface Water Migration	X				X		
Soil Exposure		X				X	
Air Migration	X				X		

Overall:HRS Score is expected to be: ☒ Below 28.5 ☐ Above 28.5 ☐ Unsure

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Customer Service Hotline: 1-800-438-2474

Recommendation for further action:

☐ None ☐ Full PA ☐ SI ☐ State Program:
☐ Integrated Assessment w/ Removal ☒ Removal ☐ Other:

Prepared by: Irene Shandruk 4/4/13
(Site Assessment Manager, Irene Shandruk) (Date)



On RSAD: Remove SI start
Refer to Removal (RR)

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Reassessment ~~using~~ ~~unrelated~~
assessment

EPA ID: PAN000306808 Site Name: CADMAN, A.W. MFG. CO. LEAD SMELTER

State ID: PA-3623

Alias Site Names:

City: PHILADELPHIA

ORIGINAL

Refer to Report Dated: 4/4/2013

County or Parish: PHILADELPHIA

State: PA

Report Developed By: EPA/In House

Report Type: SITE REASSESSMENT 001

- ☒ 1. Further Remedial Site Assessment Under CERCLA (Superfund) is not required because:
Referred to Removal, no further Rmdl Asmt
- ☐ 2. Further Assessment Needed Under CERCLA:

Discussion/Rationale:

As part of a larger national effort, EPA Region 3 implemented a former lead smelter site discovery initiative in 2001. Using a report titled, "Discovering Unrecognized Lead-Smelting Sites by Historical Methods," a master list of 71 battery lead, Babbitt metal, and solder smelter sites to be assessed and addressed as appropriate through the superfund process. After the release of the 2001 study commonly referred to as the "Eckel List" for its author William Eckel, EPA Region 3 conducted screening and assessment of the former smelter sites with the purpose of identifying priority sites for further investigation as part of a national site identification project.

Cadman A.W. Manufacturing Company, identified on the Eckel list as number 306, was located at 18 West Cheltenham Avenue in Philadelphia, Pennsylvania 19144. A Screening Site Investigation (SSI) was completed for the Cadman site on February 7, 2007 and was considered the Preliminary Assessment for the site. No immediate threats or concerns were identified at that time, however, it was determined that additional assessment or sampling may be needed prior to making any final decisions. A reassessment was completed on April 4, 2013. The reassessment indicated that residential properties and schools were located in the vicinity of the former lead smelter in addition to a public recreational park. Given this information, EPA is referring this site to Removal for further assessment.

Site Decision Made by: IRENE SHANDRUK

Signature: _____ Date: 04/04/2013

**Site Assessment
CERCLIS Data Entry/Decision Form
EPA Region III**

ORIGINAL

Site Name: <u>Cadman A.W. Manufacturing Co.</u>		Site Alias: _____
Site ID#: <u>0306308</u>	DSN/ State ID: <u>0306308</u>	SSID/ Spill ID: _____ EPA ID#: <u>PAN000306308</u>
PH 3623 Site-Level Data		

Modify CERCLIS Site Information: (Enter the Site or Action-Level updates required)	
<u>add PH start/completion, add SI start</u>	
<input type="checkbox"/> Add <input type="checkbox"/> Edit Latitude/Longitude Values: Lat: + _____ Long: - _____	
Non-NPL Status: (Verify with list of valid NPL/Non-NPL values) <u>SO L</u>	Status Change Date: <u>2/7/07</u>
Merge Site/Aggregate Site: _____	Parent Site ID: _____
(When merging or aggregating a site, identify Parent/Child relationship)	
<input type="checkbox"/> Final Assessment Decision (FAD) (Can this site be Archived?)	FAD Date: _____
<input type="checkbox"/> Archive (Check that there are No Prohibited Open Actions before Archiving)	Archive Date: _____
<input type="checkbox"/> Unarchive (Document to Site File)	Unarchive Date: _____
<input type="checkbox"/> ERS Exclusion (An ERS Exclusion Determination Form must be completed)	ERS Exclusion Date: _____
<input type="checkbox"/> NFFA (No Further Federal Action)	NFFA Date: _____
<input checked="" type="checkbox"/> Special Initiatives:	
<input type="checkbox"/> Environmental Justice (EJ)	
<input type="checkbox"/> Military Munitions Response Program (MMRP) (MM)	
<input type="checkbox"/> RCRA Deferral: (Check One) _____ Lead Confirmed (RB) _____ New Decision (RC) _____ Further Superfund Assessment (RE)	
<input checked="" type="checkbox"/> Smelter Site: (Check One) <input checked="" type="checkbox"/> Smelter Activities _____ Unrecognized Smelter per 2001 Report	

Action-Level Data

Remedial Site Assessments (RSAD/GPRA Target)				
Action Name	Lead	Start Date	Compl.Date	Qualifier
*Completion dates entered on the Actions designated below will count towards the RSAD GPRA target.				
*If referred from Removal Program to SA, Discovery date is the date the Referral Decision is made.				
Pre-CERCLIS Screening (HX)	F EP FF S TR	/ /	/ /	
Preliminary Assessment (PA)	<input checked="" type="radio"/> F EP S SN TR	<u>2/1/05</u>	<u>2/7/07</u>	ACA D F G H L N W DN B SA
Site Inspection (SI)	<input checked="" type="radio"/> F EP S TR	<u>2/7/07</u>	/ /	ACA D F G H L N W DN B SA
Expanded Site Inspection (ESI)	F EP S TR	/ /	/ /	ACA D F G L N W DN B SA
ESI/RI (SS)	F EP MR PS RP S SN TR	/ /	/ /	ACA D F G L N W DN B SA
HRS Package (HR)	F EP FF S TR	/ /	/ /	ACD F N O W DN SA
Site Reassessment (OO)	F EP S TR	/ /	/ /	ACA D F G H L N W DN B SA
Fed Fac PA Review (RX)	F EP S TR	/ /	/ /	ACA D H L N DN B SA
Fed Fac SI Review (TY)	F EP S TR	/ /	/ /	ACA D H L N DN B SA
Fed Fac ESI Review (TZ)	F EP S TR	/ /	/ /	ACA D G L N DN B SA
Discovery (DS)	F EP FF S TR	/ /	/ /	
State Deferral (AQ)	SD	/ /	/ /	RS RT
Referred from RCRA (XR)	F EP	/ /	/ /	FN
Other Cleanup Activity (VA) (Enter Subaction below)	FF SR PS RP SE S SN TR	/ /	/ /	A D F H L N W DN B
(For OCA Start, please check FAD box and add FAD date)				
<input type="checkbox"/> Comprehensive Site Investigation	<input type="checkbox"/> Remedy Selection	<input type="checkbox"/> Construction	<input type="checkbox"/> Trip Report	/ / / / H L
<input type="checkbox"/> Post-Construction Maintenance	<input type="checkbox"/> Design	<input type="checkbox"/> Short Term Cleanup	<input type="checkbox"/> Work Plan Submitted	
Laboratory Support (LA) (add only when using START Contract)	F EP FF MR SR PS RP SD S SN TR	/ /	/ /	
Start Date - date site is initiated Completion Date - date site is Archived				
Site Assessment Manager (SAM) Signature <u>Risa Dornab-Huson</u>		Date <u>3/15/12</u>	SA Data Entry/Report QA/QC Signature <u>Michael V. Hest</u> Date <u>3/27/12</u>	
Site Assessment Branch Chief Signature <u>[Signature]</u>		Date <u>3/15/12</u>	GPRA/CERCLIS Data Quality Coordinator (DQC) Signature <u>[Signature]</u> Date <u>4/26/12</u>	

REMEDIAL SITE ASSESSMENT DECISION - EPA REGION 3

Site Name: Cadman A. W Manufacturing Company

EPA ID: PAN000306808

DSN: 0306808

Alias Site Name/Comments:

City: Philadelphia

State PA

County Philadelphia

Refer to Report dated: 02/07/2007

Report Type: Preliminary Assessment (SSI)

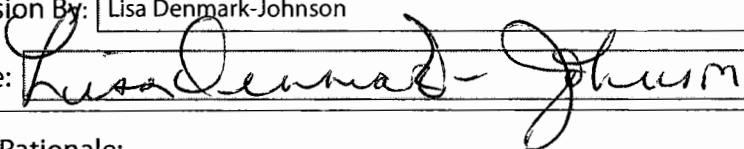
Report Developed By: EPA Contractor Tetra Tech

Decision:

☐ 1. Further Remedial Site Assessment under CERCLA (Superfund) is NOT required because:☐ **N** - NFRAP - No Further Remedial Action Planned☐ **B** - Address as part of another non-NPL site☐ **A** - Addressed as part of an existing NPL site (site will be entered if this is selected)☐ **W** - Referred to Removal, no further Remedial Assessment☐ **D** - Deferred to RCRA☐ **DN** - Deferred to NRC☐ **AC** - Assessment Complete - Decision Needed☐ **SA** - Recommended as a SF Alternative SiteOther Cleanup Activity: ☐ **FF** - Federal Facility☐ **PP** - Private Party Lead☐ **OS** - State Lead☒ 2. Further Assessment Needed Under CERCLA:☐ **H**: Higher priority for further assessment☒ **L**: Lower Priority for further assessment☐ **G**: Recommended for HRS Scoring☐ **O**: Being Considered for proposal to NPL☐ **F**: Referred to Removal, Needs further Remedial Assessment

Site Decision By: Lisa Denmark-Johnson

Date: 03/15/2012

Signature: Date: 3/15/12
2/7/12

Decision/Rationale:

As part of a larger national effort, EPA Region 3 implemented a lead smelter site discovery initiative in 2001. Using a report titled, "Discovering Unrecognized Lead-Smelting Sites by Historical Methods," a master list of 71 battery lead, babbitt metal, and solder smelter sites to be assessed and addressed as appropriate through the Superfund process. After the release of the 2001 study known commonly as the "Eckel List" for its author William Eckel, EPA Region 3 conducted screening and assessment of the former smelter sites with the purpose of identifying priority sites for further investigation as part of a national site identification project.

Cadman A. W. Manufacturing Company is a lead smelter site that is part of the Lead Smelter Initiative that began in 2001. The site is Eckel site 306 and is located in Philadelphia, PA.

A PA was conducted 2/7/07. No immediate threats or concerns were identified at the time of the PA; however, it was determined that additional assessment or sampling may be needed prior to making a final decision that no further action was warranted at the site. EPA is planning a reassessment of this site to determine appropriate next steps and further actions.